

**REMARKS**

Claims 1-18 are pending in this application and claims 7-10 are withdrawn. By this Amendment, claims 1-6 are amended and new claims 11-18 are added. Claim 1 is amended to further clarify the recited subject matter and additional support for the amendment to claim 1 can be found at least on page 1, lines 9-12 and page 5, lines 26-27 of the specification. Support for the amendment to claim 3 can be found at least on page 5, lines 6-9 of the specification and support for the amendment to claim 6 can be found at least on page 4, lines 8-9 of the specification. Claims 2 and 4 are amended to correspond with the amendments to claim 1. No new matter is added by this Amendment. In view of at least the following, reconsideration and allowance are respectfully requested.

**I. Personal Interview**

Applicants appreciate the courtesies shown to Applicants' representative by Examiner Jolley in the May 13, 2008 personal interview. Applicants' separate record of the substance of the interview is incorporated into the following remarks.

**II. Objection to the Specification**

The Office Action objects to the specification for an informality. This objection is respectfully traversed.

By this Amendment, page 1, line 14 of the specification is amended to define MOD as the following: "a Metallo Organic Deposition (MOD)."

Accordingly, withdrawal of the objection is respectfully requested.

**III. Claim Objection**

The Office Action objects to claim 5 for an informality. This objection is respectfully traversed.

By this Amendment, claim 5 is amended to recite, in part, "the sol-gel raw material," as suggested by the Examiner. Furthermore, page 2, line 12 of the specification is also amended to correct the same informality.

Accordingly, withdrawal of the objection is respectfully requested.

**IV. Claim Rejection under 35 U.S.C. §102**

The Office Action rejects claims 1 and 2 under 35 U.S.C. §102(b) over U.S. Patent No. 5,989,632 (Sanada). This rejection is respectfully traversed.

By this Amendment, independent claim 1 recites, in part, "forming a ceramic film including a perovskite structure by a heat treatment."

Applicants respectfully submit that the applied art reference at least does not disclose a method for manufacturing a ceramic film that includes forming a ceramic film including a perovskite structure by a heat treatment, as recited in claim 1. Specifically, Sanada relates to the method of coating photoresist, SOG (Spin on Glass) and polyimide resin, but does not disclose the above-recited features of claim 1. Therefore, the method of coating photoresist disclosed in Sanada is different from a method of manufacturing a ceramic film including forming a ceramic film including a perovskite structure by a heat treatment.

Sanada does not teach each and every element recited in claim 1. Therefore, Sanada fails to anticipate independent claim 1.

Claim 2 depends from claim 1. Because the applied art reference fails to anticipate independent claim 1, dependent claim 2 is allowable at least for the reasons that claim 1 is allowable, as well as for the additional features it recites.

Accordingly, withdrawal of the rejection is respectfully requested.

**V. Claim Rejections under 35 U.S.C. §103**

The Office Action rejects claim 3 under 35 U.S.C. §103(a) over Sanada; rejects claim 4 under 35 U.S.C. §103(a) over Sanada in view of U.S. Patent No. 6,777,350 (Nakagawa); and

rejects claims 1-3, 5 and 6 under 35 U.S.C. §103(a) over U.S. Patent No. 5,116,643 (Miller) in view of Sanada. These rejections are respectfully traversed.

By this Amendment, independent claim 1 recites, in part, "forming a ceramic film including a perovskite structure by a heat treatment."

Applicants respectfully submit that the applied art reference Miller also does not disclose or establish any reason to provide at least the method for manufacturing a ceramic film, as recited in claim 1, that includes forming a ceramic film including a perovskite structure by a heat treatment. Furthermore, as discussed above, Sanada does not cure the deficiency in Miller. Furthermore, Nakagawa does not cure the above-recited deficiency in Sanada.

Miller, Sanada and Nakagawa, individually or in any combination, do not disclose or establish any reason to provide the subject matter recited in claim 1. Therefore, Miller, Sanada and Nakagawa fail to render the subject matter recited in independent claim 1 obvious.

Claims 2-6 variously depend from claim 1. Because the applied art references fail to render the subject matter recited in independent claim 1 obvious, dependent claims 2-6 are allowable at least for the reasons that claim 1 is allowable, as well as for the additional subject matter they recite.

Accordingly, withdrawal of the rejections is respectfully requested.

## **VI. New Claims**

By this Amendment, new claims 11-17 are added. New claims 11-17 depend from claim 1. Because the applied art references fail to render the subject matter recited in independent claim 1 obvious, dependent claims 11-17 are allowable at least for the reasons that claim 1 is allowable, as well as for the additional features they recite.

Furthermore, Applicants respectfully submit that support for claim 11 can be found at least on page 4, lines 23-26 of the specification. Support for claim 12 can be found at least on page 6, lines 8-9 of the specification and support for claims 13 and 14 can be found at least on

page 6, lines 25-26 of the specification. Moreover, support for claims 14 and 15 can be found at least on page 7, lines 2-9 and page 8, line 2 of the specification.

Accordingly, allowance of the new claims is respectfully requested.

**VII. Rejoinder**

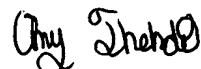
Upon allowance of at least claim 1, rejoinder of claims 7-10 is respectfully requested. See MPEP §821.04. Specifically, claims 7-10 depend from claim 1 and are allowable at least for the reasons that claim 1 is allowable, as well as for the additional features they recite.

**VIII. Conclusion**

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of the pending claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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